Tamiya M-07 Concept

Setup: Sheffield RC - Eckington · Tim T (Willspeed) · Jul 6, 2023

so dialed
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EVENT	
Event	Club night

TRACK	
Track	Eckington UK
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight

FRONT SUSPENSION

Ackermann: inner steering spacers	0 mm
Anti-roll bar	Hard green
Arms	Kit
Bumpsteer: outer steering spacers	5 mm
Camber	-1.5 degrees
CAMBER LINKS	
Inner stud spacers	1 mm
Outer stud spacers	0 mm
Caster: front suspension mount	Kit
Droop	1 mm
Hub carriers	Yeah racing alloy
Ride height	5.5 mm
Shocks: tower mounting hole	Opt Tower: 1 - Inside
Steering blocks	Yeah racing alloy
Steering bridge	Plastic
Steering crank arms	Yeah racing alloy
Toe	-1 degrees
Tower	Carbon
TRACK	
Axle shims - inside/outside	0 / 0 mm
Wheel hexes	5mm Aluminum

ELECTRONICS

Battery brand	Turnigy
Battery C rating	130
Battery capacity	5500 mAh
Battery model	Rapid
ESC brand	Hobbywing
ESC model	1060
Motor brand	Core RC
Motor model	27 turn
Motor wind	27 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	70 %
Radio model	MT-S
Receiver brand	Sanwa/Airtronics
Receiver model	RX-482
Steering servo brand	Savox
Steering servo model	1252mg

NOTES Brake 80, steering expo -15

REAR SUSPENSION

Anti-roll bar	Soft red
Arms	Kit
Camber	-2 degrees
CAMBER LINKS	
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Droop	1 mm
Ride height	5.5 mm
Shocks: tower mounting hole	Outer hole carbon option tower
Toe: suspension mount shims	3.8 degrees (2 washers)
Tower	Carbon
TRACK	
Wheel hexes	5mm Aluminum
Wheel shims	0 mm
Uprights	Yeah racing alloy
Wheelbase: arm spacers - F/R	0 / 2 mm

NOTES Long rear links using outer hub hole

BODY & CHASSIS

Bumper	Kit
Bumper support	Plastic
Flex: chassis	Kit
Weight: total	1245 g
Wheelbase: chassis layout	225mm Medium

ESC SETTINGS

Brake: Drag	0 %

SHOCKS

	FRONT	REAR
Oil weight	300 cst	300 cst
Pistons	2-hole	2-hole
Shafts	26 mm	26 mm
Shock length	57.5 mm	57.5 mm
Shock type	Kit	Kit
Springs	Fluoro Yellow Long	Fluoro Yellow Long
Shock oil brand	Yeah racing	

NOTES Yeah racing alloy shocks

DRIVETRAIN

Diff fluid	100,000 cst
Diff type	Gear - plastic
Drive ratio - final	6.776
Drive ratio - internal	3.1221
Driveshafts	Double-joint CVD
Pinion	20 teeth
Spur	37 teeth

NOTES Alloy diff cover

TIRES

	FRONT	REAR
Tire brand / type	Sweep	Rush
Tire compound	40	30
Wheel brand / type	Sweep	Rush
Tire additive - F/R	Spider green. Full rear & front. Reapply rear and inner half of front 10 mins before race	
Tire prep - F/R	Clean front tires with brake cleaner after each round	